

Field Artillery Futures

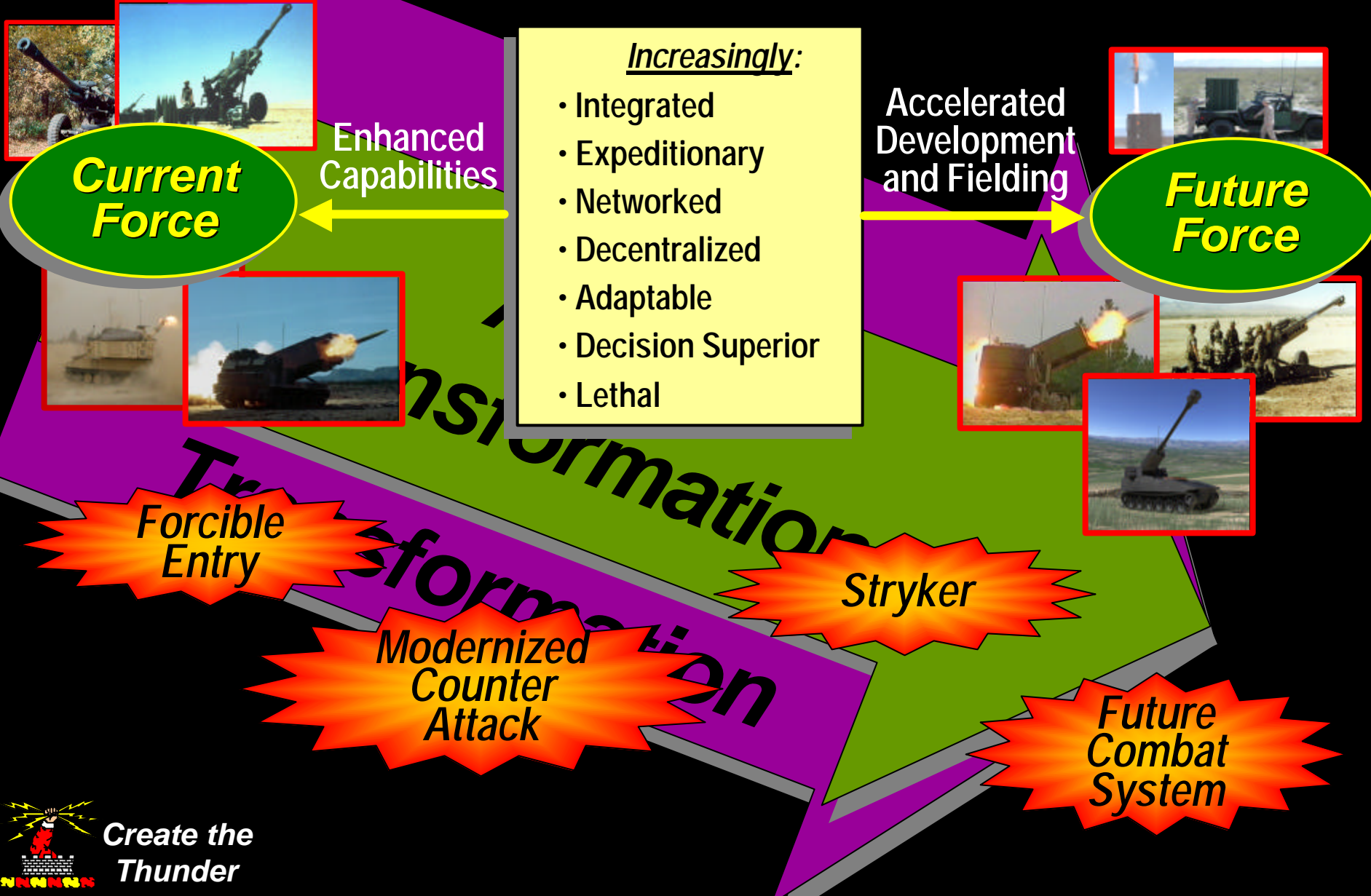


Mr. Sam Coffman

Futures Development Integration Center



Field Artillery Transformation



Impacting Our Azimuth



Challenges

FA Transformation

TAA-11 & ACIRC Rebalancing

CSA Focused Areas

Readiness Needs

Programmatics

Stryker Force Refinement

FCS and UA Timeline

Unit Of Employment Concepts

Technology Maturation

Field Artillery and
Fires Modernization
and Transformation
Strategy

Opportunities

Concepts



- ➔ Refine the Fires and Effects Concept
- ➔ Continue inputs to the Unit of Action and Operational and Organizational Plan
- ➔ Contribute to the development of a Unit of Employment Operational and Organizational Plan
- ➔ Engage in the development of a Joint Forcible Entry Concept
- ➔ Develop the Non Line of Sight Battalion Operational and Organizational Plan
- ➔ Participate in Joint concept development and refinement

Organization



- ➔ Work the most important changes to current force designs through the Force Design Update process
- ➔ Remain fully engaged in CSA focused areas--especially Modularity
- ➔ Refine the Stryker designs to include 2d Cavalry Regiment through the Documentation Assistance and Review Team (DART) process
- ➔ Explore new organizational designs for Forcible Entry units
- ➔ Refine the Non Line of Sight Battalion Increment 1 design
- ➔ Work Unit of Employment organizational designs for Field Artillery

Materiel



- ➔ Prioritize required capabilities for current force as informed by lessons learned against deficiencies
- ➔ Field enhanced capabilities under development
- ➔ Remain fully engaged in Rapid Fielding and Equipping Initiatives
- ➔ Refine capabilities required for Joint Forcible Entry
- ➔ Enhance the capabilities of Stryker organizations
- ➔ Refine requirements for FCS NLOS Cannon and NLOS Launch System
- ➔ Work plan for sustainment of current C4 while bridging and defining requirements for JC2
- ➔ Fully leverage technology



*Create the
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Experimentation and Analysis



- ➔ Validate the “networked fires” operational architecture
- ➔ Answer questions that support development of the NLOS Battalion O&O Plan
- ➔ Refine and validate the NLOS Battalion organizational design
- ➔ Support FCS Operational Requirements Document Key Performance Parameters analysis
- ➔ Supporting analysis of required precision munitions capabilities

Future Fires

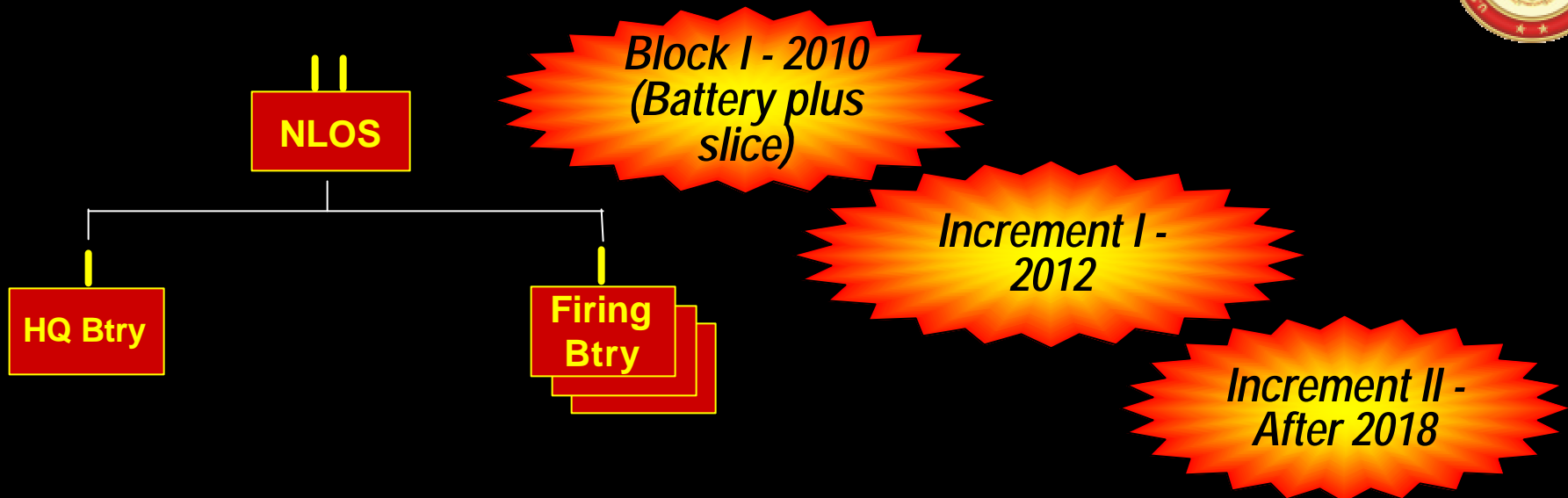


- ✓ Responsive – in providing *on-demand, integrated* fires and effects to Joint and Combined Arms formations *at every echelon*
- ✓ Lethal – *through networked battle command*, greater access and enhanced sensors, and a *wider suite of capabilities*
- ✓ Survivable – *shared situational understanding* and *embedded active protection*
- ✓ Deployable – as *integral elements* of maneuver formations with the *same level of tactical mobility and strategic deployability*
- ✓ Agile – enabling *rapid tailoring of capabilities* for the mission
- ✓ Versatile – greater contributions *across the spectrum of operations* and *in all environments*
- ✓ Sustainable – *more efficient* target attack and *greater commonality* to the force reduce logistics demand



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Artillery Battalion



- ✓ **Lethal** – suite of lethal and non-lethal capabilities with extended range, precision munitions for point and area target attack
- ✓ **Agile** – smaller, strategically deployable, and rapidly tailorable for variety of missions
- ✓ **Versatile** – greater contributions across the spectrum of operations and in all environments
- ✓ **Multi-Functional** – soldiers and platforms
- ✓ **New or enhanced capabilities** – Class I and III UAVs and Multi-Mission Radars
- ✓ **Survivable** – shared situational awareness/understanding and embedded active protection



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What Experimentation Suggests



- ➡ Need a mix of capabilities in almost every area
- ➡ Networked battle command enables transformed fires for greater responsiveness and lethality
- ➡ Suppressive and special purpose fires are still very important
- ➡ Enemy dismounted infantry, mortars and long range MRLs are challenging
- ➡ Effects coordination and fire delivery are both becoming more complex
- ➡ Potential to better balance most dangerous targets and high pay-off targets



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Our Focus and Challenges



- ➔ Rapidly field enhanced warfighting capabilities in current force while accepting risk in certain areas
- ➔ Equip and field the Stryker force while applying lessons to the Future Force
- ➔ Design and field the FCS-equipped part of the Future Force
- ➔ Make informed choices among competing priorities
- ➔ Be fully engaged in a very dynamic time and process

Remember that the Field Artillery Soldier is the critical enabler of it all



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***Our goal is for this future artilleryman
to be like SFC Mann and proclaim “I’m
proud to be a Red Leg.”***



Field Artillery – King of Battle – today and tomorrow